

Sheet 1 of 1

APPLICANT FACSIMILE OF FORM PTO-1449  
REV 7-80

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ATTY DOCKET NO  
**GNN-5343CP2**

SERIAL NO.  
**10/085906**

APPLICANT  
**Vincent Ling et al.**

FILING DATE  
**February 27, 2002**

GROUP  
**1634**

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### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	A1	5,364,759	11/1994	Caskey et al.	435	6	
	A2	5,369,004	11/1994	Polymeropoulos et al.	435	6	
	A3	5,378,602	1/1995	Polymeropoulos et al.	435	6	
	A4	5,468,610	11/1995	Polymeropoulos et al.	435	6	
	A5	5,753,442	5/1998	Tyan	435	6	
JS	A6	5,851,795	12/1998	Linsley et al.	435	69.1	

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
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### OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

JS	A7	Awata, Takuya et al. "Association of CTLA-4 Gene A-G Polymorphism (IDDM12 Locus) With Acute-Onset and Insulin-Depleted IDDM as Well as Autoimmune Thyroid Disease (Graves' Disease and Hashimoto's Thyroiditis) in the Japanese Population" <i>Diabetes</i> 47:128-29 (1998)
	A8	Badenhoop, K. et al. "Genetic markers in diagnosis and prediction of relapse in Graves' disease" <i>Exp. Clin. Endocrinol. Diabetes</i> 104(Suppl. 4):98-100 (1996)
	A9	Balzano, Christine et al. "CTLA-4 and CD28: Similar Proteins, Neighboring Genes" <i>Int. J. Cancer Suppl.</i> 7:28-32 (1992)
	A10	Barbesino, Giuseppe et al. "Linkage Analysis of Candidate Genes in Autoimmune Thyroid Disease: 1. Selected Immunoregulatory Genes" <i>J. Clin. Endocrinol. &amp; Metab.</i> 83(5):1580-84 (1998)
	A11	Barton, A. et al. "Polymorphic CTLA-4 Alleles are not Associated with Rheumatoid Arthritis (RA)" <i>Eur. J. Immunogenet.</i> 25(1):59, Abstract No. 4.3 (Feb. 1998)
	A12	Braun, J. et al. "CTLA-4 promoter variants in patients with Graves' disease and Hashimoto's thyroiditis" <i>Tissue Antigens</i> 51(5):563-66 (1998)
	A13	Buonavista, N. et al. "Molecular Linkage of the Human CTLA4 and CD28 Ig-Superfamily Genes in Yeast Artificial Chromosomes" <i>Genomics</i> 13(3):856-61 (July 1992)
	A14	Chapiro, J. et al. "Thérapie génique en oncologie: applications au cancer du poumon" ["Gene therapy in oncology: applications to lung cancer"] [French] <i>Revue Des Maladies Respiratoires</i> 13(5):467-76 (Oct. 13, 1996)(Abstract attached)
	A15	Colucci, Francesco et al. "Apoptosis resistance of nonobese diabetic peripheral lymphocytes linked to the <i>Idd5</i> diabetes susceptibility region" <i>Proc. Natl. Acad. Sci. USA</i> 94(16):8670-74 (Aug. 1997)
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82	Djilali-Saiah, I. et al. "CTLA-4 gene polymorphism is associated with predisposition to coeliac disease" <i>Gut</i> 43:187-89 (1998)
83	Djilali-Saiah, Idriss. et al. "No Major Role for the CTLA-4 Gene in the Association of Autoimmune Thyroid Disease With IDDM" <i>Diabetes</i> 47:125-27 (Jan. 1998)
84	Donner, Horst et al. "Codon 17 Polymorphism of the Cytotoxic T Lymphocyte Antigen 4 Gene in Hashimoto's Thyroiditis and Addison's Disease" <i>J. Clin. Endocrinol. Metabol.</i> 82(12):4130-32 (1997)
85	Donner, Horst et al. "CTLA4 Alanine-17 Confers Genetic Susceptibility to Graves' Disease and to Type 1 Diabetes Mellitus" <i>J. Clin. Endocrinol. Metabol.</i> 82(1):143-46 (1997)
86	Donner, Horst et al. "CTLA4 Gene Haplotypes Cannot Protect From IDDM in the Presence of High-Risk HLA DQ8 or DQ2 Alleles in German Families" <i>Diabetes</i> 47:1158-60 (1998)
87	Epplen, Cornelia et al. "On simple repetitive DNA sequences and complex diseases" <i>Electrophoresis</i> 18:1577-85 (1997)
88	Epplen, Jörg T. et al. "Exploiting the Informativity of 'Meaningless' Simple Repetitive DNA from Indirect Gene Diagnosis to Multilocus Genome Scanning" <i>Biol. Chem. Hoppe Seyler</i> 375:795-801 (Dec. 1994)
89	Friedmann, T. "The maturation of human gene therapy" <i>Acta Paediatrica</i> 85:1261-65 (1996)
810	Harper, Katherine et al. "CTLA-4 and CD28 Activated Lymphocyte Molecules are Closely related in Both Mouse and Human as to Sequence, Message Expression, Gene Structure, and Chromosomal Location" <i>J. Immunol.</i> 147:1037-44 (1991)
811	Heward, Joanne and Gough, Stephen C.L. "Genetic susceptibility to the development of autoimmune disease" <i>Clin. Sci.</i> 93:479-91 (1997)
812	Heward, J.M. et al. "No evidence for allelic association of a human CTLA-4 promoter polymorphism with autoimmune thyroid disease in either population-based case-control or family-based studies" <i>Clin. Endocrinol.</i> 49:331-334 (1998)
813	Huang, DeRen et al. "Genetic association of CTLA-4 to myasthenia gravis with thymoma" <i>J. Neuroimmunol.</i> 88:192-98 (1998)
814	Kaur, Gurvinder et al. "Association of polymorphism at COL3A and CTLA4 loci on chromosome 2q31-33 with the clinical phenotype and in-vitro CMI status in healthy and leprosy subjects: a preliminary study" <i>Hum. Genet.</i> 100:43-50 (1997)
815	Kemp, E.H. et al. "A cytotoxic T Lymphocyte antigen-4 (CTLA-4) gene polymorphism is associated with autoimmune Addison's disease in English patients" <i>Clin. Endocrinol.</i> 49:609-13 (1998)
816	Kotsa, K. et al. "A CTLA-4 gene polymorphism is associated with both Graves' disease and autoimmune hypothyroidism" <i>Clin. Endocrinol.</i> 46:551-54 (1997)
817	Krokowski, Marcin et al. "An association of CTLA-4 gene A/G polymorphism in exon 1 with insulin-dependent diabetes mellitus in the population of Central Poland" <i>Cent. Eur. J. Immunol.</i> 22:262-65 (1997)
818	Krokowski, M. et al. "CTLA-4 Gene Polymorphism is Associated with Predisposition to IDDM in a Population from Central Poland" <i>Diabetes &amp; Metab. (Paris)</i> 24:241-43 (1998)

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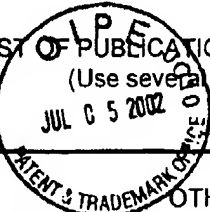
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<input checked="" type="checkbox"/>	C1	Krokowski, M. et al. <i>Diabetol. Pol.</i> 5(Suppl. 1):45-52 (1998)(Abstract Only)
	C2	Marron, Michele P. et al. "Insulin-dependent diabetes mellitus (IDDM) is associated with CTLA4 polymorphisms in multiple ethnic groups" <i>Hum. Molec. Genet.</i> 6:1275-82 (1997)
	C3	Mehrian, Ruty et al. "Synergistic Effect Between IL-10 and bcl-2 Genotypes in Determining Susceptibility to Systemic Lupus Erythematosus" <i>Arthritis &amp; Rheum.</i> 41(4):596-602 (1998)
	C4	Nisticò, Lorenza et al. "The CTLA-4 gene region of chromosome 2q33 is linked to, and associated with, type 1 diabetes" <i>Human Mol. Genet.</i> 5(7):1075-80 (1996)
	C5	Owerbach, David et al. "Analysis of Candidate Genes for Susceptibility to Type I Diabetes: A Case-Control and Family-Association Study of genes on Chromosome 2q31-35" <i>Diabetes</i> 46:1069-74 (June 1997)
	C6	Polymeropoulos, Michael H. et al. "Dinucleotide repeat polymorphism at the human CTLA4 gene" <i>Nucleic Acids Res.</i> 19(14):4018 (1991)
	C7	Pozzilli, P. et al. "Non-HLA genes and the susceptibility to insulin dependent diabetes: the role of the CTLA-4 gene" <i>Acta Diabetol.</i> 33:250-52 (1996)
	C8	Sale, Michèle M. et al. "Association of Autoimmune thyroid Disease with a Microsatellite marker for the Thyrotropin Receptor Gene and CTLA-4 in a Japanese Population" <i>Proc. Assoc. Amer. Physicians</i> 109(5):453-61 (1997)
	C9	Seidl, C. et al. "CTLA codon 17 dimorphism in patients with rheumatoid arthritis" <i>Tissue Antigens</i> 51:62-66 (1998)
	C10	She, Jin-Xiong "Genetic Factors in Type 1 Diabetes: A Complex Disease" <i>J. Clin. Ligand Assay</i> 21(3):272-81 (Fall 1998)
	C11	Todd, J.A. "Genetics of Type I Diabetes" <i>Pathol. Biol.</i> 45:219-27 (Mars 1997)
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	C13	Tomer, Yaron and Davies, Terry F. "The genetic susceptibility to Graves' disease" <i>Baillieres Clin. Endocrinol. &amp; Metab.</i> 11(3):431-50 (Oct. 1997)
	C14	Tomer, Yaron et al. "Mapping of a Major Susceptibility Locus for Graves' Disease (GD-1) to Chromosome 14q31" <i>J. Clin. Endocrinol. Metab.</i> 82(5):1645-48 (1997)
	C15	Valdya, B. et al. "Affected Sibling-Pair Analysis of the CTLA-4 Locus in Graves' Disease" <i>J. Endocrinol.</i> 156(Suppl.):P319
	C16	Valère, Thomas "Thérapie génique: le point sur les essais cliniques" <i>M.S. Médecine Sciences</i> 12:73-83 (1996)
	C17	Van der Auwera, B. et al. "CTLA-4 Gene Polymorphism Confers Susceptibility to IDDM Independently from Genetic and Immune Disease Markers" <i>Diabetologica</i> 39 (Suppl. 1):A61
<input checked="" type="checkbox"/>	C18	Van der Auwera, B.J. et al. "CTLA-4 gene polymorphism confers susceptibility to insulin-dependent diabetes mellitus (IDDM) independently from age and from other genetic or immune disease markers" <i>Clin. Exp. Immunol.</i> 110:98-103 (1997)
<input checked="" type="checkbox"/>	C19	Waterman, E.A. et al. "A study of the association between a polymorphism in the CTLA-4 gene and postpartum thyroiditis" <i>Clin. Endocrinol.</i> 49:251-55 (1998)
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